

Maine HIV Incidence*, January 1 to December 31st, 2008

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The number of new HIV diagnoses reported in 2008 (46) was 28% less than 2007(64)⁶ counts. Existing data show a higher proportion of women among the 2008 Maine HIV counts as compared to those reported a year earlier (9% in 2007 vs. 15% in 2008). The age at diagnosis for all new 2008 HIV diagnoses ranged from 18 years to 80 years while the median age at HIV diagnosis was 41 years. 37% of new HIV cases were simultaneously diagnosed as AIDS cases and more than half of these cases resided in Cumberland County at the time of HIV diagnoses.

In 2008, Maine HIV prevalence increased by 11% from the levels observed in 2007 and most of these cases (52%) have been diagnosed with AIDS. 24% of prevalent HIV cases in Maine were not diagnosed (HIV and AIDS³) while resident in a Maine. Less than 10% of Maine prevalent HIV cases are foreign born. The table below provides the reader with a comparison of characteristics and risk factors between 2008 incident cases and prevalent cases in Maine

Mode of Transmission	New HIV Diagnoses 1/1/08 to 12/31/08 (Rate 3.5 per 100,000 or 0.003%) n(%)	People living in Maine with diagnosed HIV ¹ as of 12/31/08 (Prevalence rate 102 per 100,000 or 0.1%) n(%)
Men Who Have Sex with Males (MSM)	28(61)	764(56)
Injection Drug Users (IDU)	3(7)	166(12)
MSM/IDU	0	44(3)
Received Contaminated Blood Products	0	12(<1)
Heterosexual Contact with At-Risk Partners ²	2(4)	135(10)
Heterosexual, No At-Risk Partners Disclosed	13(28)	220(16)
Child Born to Mother with HIV	0	7(<1)
Undetermined	0	7(<1)
Total	46(100)	1,355(100)
Sex		
Male	39(85)	1,134(84)
Male-to-Female Transgender	0	3(<1)
Female	7(15)	217(16)
Total	46(100)	1,355(100)
Race/Ethnicity		
White and Non-Hispanic	42(91)	1,131(83)
Black or African American and Non-Hispanic	3(7)	118(8)
Asian and Non-Hispanic	0	3(<1)
American Indian/Alaskan Native and Non-Hispanic	0	8(<1)
Native Hawaiian/other Pacific Islander and Non-Hispanic	0	0
Multiracial and Non-Hispanic	0	2(<1)
Hispanic, all races	1(2)	73(5)
Unknown	0	20(2)
Total	46(100)	1,355(100)
Age at HIV Diagnosis		
Less than 13	0	11(<1)
13-19	1(2)	22(2)
20-29	6(13)	261(19)
30-39	11(24)	453(34)
40-49	15(33)	355(26)
Over 49	13(28)	139(11)
Unknown	0	114(9)
Total	46(100)	1,355(100)
Region of Residence		
York (District 1-York County)	9(20)	211(16)
Cumberland (District 2-Cumberland County)	16(35)	487(36)
Western Maine (District 3- Oxford, Franklin, and Andro. Counties)	9(20)	156(11)
Mid Coast (District 4- Lincoln, Knox, Waldo, and Sagad. Counties)	1(2)	94(7)
Central Maine (District 5- Somerset and Kennebec Counties)	4(9)	149(11)
Penquis (District 6- Piscataquis and Penobscot Counties)	1(2)	98(7)
Downeast (District 7- Hancock and Washington Counties)	1(2)	77(5)
Aroostook (District 8- Aroostook County)	0	33(2)
Unknown	0	50(4)
Total	46(100)	1,355(100)

¹ Includes living AIDS cases and confidential HIV cases reported to the Maine CDC through 12/31/2008.

² Includes partners who are MSM, IDU, or partners who are infected with HIV or have AIDS.

³ Excludes AIDS cases with a diagnosis made in Maine.

⁴ Maine CDC estimates that HIV/AIDS reporting is 95% complete. 1,426 Mainers may therefore be living with diagnosed HIV/AIDS in 2008 (about 71 individuals with a HIV diagnosis remain unreported). The U.S. CDC estimates that 79% of people living with HIV know their HIV status, estimates of the total number of Mainers living with HIV is about 1,805.

⁶ 2007 Annual Maine HIV cases have been adjusted for reporting delays and epidemiologic investigations from 52 cases to 64 cases

* For purposes of this report Incidence is defined as new diagnoses.